

## Volkswagen Racing Polo GTI Racer

The world's first Polo GTI converted for race use. Using the 1.8T engine in a car so light made for a very competitive racer. It was the Volkswagen Racing Cup 'celebrity car' in 2006 with a number of journalists and rally champion Gwyndaf Evans all taking the wheel during the year.



This Polo was built from a lightweight motorsport shell that we sourced from Volkswagen Racing in South Africa (where their own production plant makes it quite easy to source special-build shells).

We sourced a full Polo Cup bodykit from our colleagues in Volkswagen Racing Germany which along with the chequered flag livery made the Polo a fantastic looking car.

A six-speed close-ratio gearbox from the Lupo GTI was used with a Limited Slip Diff, and the engine was tuned for maximum mid-range torque as race regulations only allowed a relatively modest 220bhp.

VWR suspension with additional negative camber made for excellent handling, together with a number of braces and stiffeners fitted to the rear beam.

The car now has a new career - it is a tarmac rally car for Volkswagen in the Canary Islands (right).



## Volkswagen Racing Polo GTI Racer

Engine capacity (litres / cc)	1800cc
Configuration	4 cyl, 20v, VWR Turbo
Engine management	Volkswagen Racing mapping
Power output	220 bhp
Drive	Front-wheel drive
Gearbox	Six speed, limited slip differential
Clutch	VWR sintered metal plate
Exhaust system	VWR race system, 100 cell cat
Shell	Motorsport shell, fully stripped, Welded-in multi-point roll cage.
Safety	Six-point harness, Recaro seat Plumbed-in fire extinguisher system
Steering	Power assisted rack and pinion
Brakes	VWR 330 mm ventilated front discs Volkswagen Racing 6 pot calipers Production ventilated rear discs Mintex racing pads, ABS disabled, Adjustable bias
Front suspension	VWR two-way adjustable race dampers, Extreme front camber, height adjustable VWR solid bushes
Rear suspension	Braced production torsion beam, VWR two-way adjustable race dampers, Solid bushes
Wheels	7.5x17 in VWR alloy wheels
Tyres	Hankook Ventus Racing Slick Tyres 210/40 ZR17



  
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